

Insert A1

SEQUENCE LISTING

- <110> Wang, Huaming
Wang, Cynthia C.
Amory, Antoine
Dhaese, Patrick
Lambrechts-Rongvaux, Annick
- <120> Novel Phenol Oxidizing Enzyme Enzymes
- <130> GC477C1
- <140> US 09/273,957
- <141> 1999-03-22
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- <213> Stachybotrys chartarium

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Trp	Phe	Pro	His	Val	Tyr	Glu	Thr	Val	Gln	Asp	Pro	Asn	Gln	Met	Asn
			260					265					270		
Gly	Phe	Asn	Ser	Val	Gly	Arg	Trp	His	Trp	Gly	Pro	Trp	Phe	Trp	Pro
		275					280					285			
Val	Phe	Pro	Ala	Met	Tyr	Asp	Leu	Pro	Ser	Gly	Glu	Tyr	Gly	Asp	Val
	290					295					300				
Thr	Val	Thr	Pro	Glu	Ala	Trp	Met	Asp	Thr	Pro	Leu	Val	Asn	Gly	Val
305					310					315					320
Ala	Tyr	Pro	Thr	Ile	Glu	Leu	Asp	Pro	Lys	Val	Tyr	Arg	Met	Lys	Val
				325					330					335	
Leu	Asn	Ala	Ser	Asn	Asp	Arg	Phe	Phe	Asn	Ile	Ser	Leu	Phe	Val	Ala
			340					345					350		
Asp	Glu	Ala	Gln	Arg	Leu	Asn	Asp	Pro	Leu	Leu	Gly	Gly	Ala	Thr	Glu
		355					360					365			
Val	Lys	Met	Val	Asp	Ala	Ala	Val	Ser	Ala	Thr	Pro	Cys	Ala	Ala	Gly
	370					375					380				
Val	Thr	Arg	Ala	Val	Val	Ala	Thr	Asp	Gly	Ser	Tyr	Cys	Thr	Pro	Glu
385					390					395					400
Thr	Trp	Pro	Thr	Asp	Asn	Arg	Pro	Gly	Gly	Val	Pro	Ser	Pro	Ala	Ala
				405					410					415	
Gln	Gly	Pro	Ser	Phe	Phe	Gln	Ile	Ala	Asn	Glu	Gly	Gly	Leu	Leu	Pro
			420					425					430		
Lys	Val	Ala	Glu	Ile	Ala	Pro	Thr	Pro	Val	Gly	Tyr	Gln	Leu	Asp	Lys
		435					440					445			
Gly	Arg	Ile	Thr	Val	Leu	Asn	Val	Leu	Thr	Thr	Gly	Leu	Tyr	Leu	Gly
	450					455					460				
Asn	Ala	Glu	Arg	Ala	Asp	Val	Leu	Val	Asp	Leu	Ser	Ala	Tyr	Ala	Gly
465					470					475					480
Lys	Thr	Leu	Ile	Val	Tyr	Asn	Asp	Ser	Gly	Ala	Pro	Val	Pro	Ala	Gly

485 490 495
 Asp Pro Arg Asn Asp Tyr Phe Thr Ala Val Gly Asp Gln Ser Asp Ala
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 515 520 525
 Met Met Gln Ile Lys Val Arg Ala Ala Ile
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 Asp His Ala

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